

## BIBLIOGRAPHY.

## RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Meteorologist in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

Boerema, J.

Regenval in het noordelijk deel van (rainfall in the northern part of) Sumatra's oostkust. Weltevreden. 1923. 63 p. figs. 27 cm. (K. Mag. en met. observ. Batavia. Verhand. no 11.)

Carpenter, Ford A.

Alaskan coast weather conditions in relation to an air-route from Los Angeles to Juneau. [Los Angeles.] 1923. 10 p. diagr. 28 cm. [Typewritten.]

Franz, Albert.

Vergleichende Untersuchungen über die Klimate von Freiburg i. Br. und Rom. Freiburg im Breisgau. 1915. 60 p. 22 cm. (Inaug.-Dissert. zu Freiburg im Breisgau.)

Georgeson, C. C.

Information for prospective settlers in Alaska. Washington. 1923. ii, 18 p. plates. map. 23½ cm. [Climate, p. 2-4.] (Alaska agric. exp. sta. Circ. no. 1.)

Gilliland, S. C.

Coldward course of progress. p. 393-410. diagr. 22½ cm. (Exc. Pol. sci. quart., New York. v. 35, Sept., 1920.)

[Great Britain.] H. M. stationery office.

List of publications on meteorology. [London.] 1923. 16 p. 24½ cm.

Hanzlik, Stanislas.

Základy meteorologie a klimatologie. Praze. 1923. 137 p. figs. illus. 21½ cm. [Published as v. 46 in collection "Země a lidé."]

Hellmann, G. von.

Über den Ursprung der volkstümlichen Wetterregeln (Bauernregeln). p. 148-170. 25½ cm. [Bibliography, p. 162-170.] (Repr. Sitzungsber. der preuss. Akad. der Wissenschaft. 20. Juni 21, 1923.)

Huntington, Ellsworth.

Earth and sun; an hypothesis of weather and sunspots. With a chapter by H. Helm Clayton. New Haven. 1923. xxv, 296 p. tables (part fold.) diagr. (1 fold.) 23½ cm.

Mascart, Jean.

Climatologie du département du Rhône. Application à une assurance mutuelle contre la grêle. [Paris.] 1923. 30 p. 24 cm.

Murphy, Johnston.

Rain insurance. p. 5-10. illus. port. 26 cm. (Exc. The Vigilant, N. Y., v. 55, Apr., 1923.)

Palmer, Andrew H.

Weatherinsurance. p. 20-22. 26 cm. (Exc. The Vigilant, N. Y., v. 55, Apr., 1923.)

Report of a conference on cycles. New York. 1923. p. 657-676. 25½ cm. (Repr. Geogr. review, suppl. v. 13, Oct., 1923.)

Russia. Central hydro-meteorological bureau.

Izvestiia tsentralnago gidrometeorologicheskogo buro. pt. 1. Petrograd. 1923. viii, 126 p. plates. 25½ cm. [Report of the central hydrometeorological bureau.] [Author, title and text in Russian and German.]

Russia. Central physical observatory.

[Work of the aerological observatory of Pavlovsk.] T. 1. 1920. Pavlovsk. 1922. [Author, title and text in Russian.]

Russia. Hydrographic office.

Doklad predstavlenii i-mu geofizicheskemu sezdu. Petrograd. 1918. 23 p. 24 cm. [Report of the exhibition at the first geophysical meeting.] [Author, title and text in Russian.]

Kratkiya svidniya so meteorologii i okeanografii Karskago i Sibirska morei. Petrograd. 1918. 114 p. charts (fold.) 27 cm. [Concise information on the meteorology and oceanography of the Kara sea and the Arctic ocean.] [Author, title and text in Russian.]

Sbornik gidro-meteorologicheskikh nabludenii. pt. 13. Petrograd. 1918. [Recueil des observations hydro-météorologiques ... l'administration générale d'hydrographie.] [Author, title and text in Russian and French.]

Schonken, J. D.

Dorre Suid-Afrika. Bloemfontein. [1921.] xxiv, 335 p. illus. 24 cm.

U. S. National park service.

Rules and regulations, Yellowstone national park, Wyoming. 1923. Washington. 110 p. figs. plates. maps. 23 cm. [Climatic data. p. 61.]

## U. S. Weather bureau.

The Weather bureau. Prepared by Henry E. Williams ... Revised by E. B. Calvert. Washington. 1923. iv, 55 p. illus. 16½ cm.

Young, Floyd D.

Orchard heating successfully combats average frost hazard. p. 1-2½ 13. illus. 25½ cm. (Exc. Citrus leaves. v. 2, Oct., 1923.)

## RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. F. TALMAN, Meteorologist in Charge of Library.

The following titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

American meteorological society. Bulletin. Worcester, Mass. v. 4. October, 1923.

Alter, J. Cecil. Using weather records. p. 139-141. [Abstract.]

Blake, Dean. Sonora storms. p. 135-137. [Abstract.]

Blochman, L. E. Forecast values of lows entering directly off the California coast in September and October and the forecast value of good summer rains at San Diego. p. 137-138. [Abstract.]

Brooks, Charles F. Past, present, and coming (?) weather in the North Atlantic region. p. 148-150.

Cummings, N. W. Evaporation from water surfaces. p. 129-130. [Abstract.]

McEwen, George F. How the Pacific Ocean affects southern California's climate. Seasonal rainfall for 1922-23 indicated by ocean temperature. p. 142-148.

McEwen, George F. A method of computing evaporation from temperature gradients in lakes and reservoirs. p. 130-131. [Abstract.]

Meisinger, C. LeRoy. The disastrous balloon race. p. 150-151.

Sherier, J. M. Mountain snowfall and flood crests in the Colorado. p. 134. [Abstract.]

Belgium. Bulletin agricole du Congo Belge. Bruxelles. v. 14. Juin-septembre 1923.

Gasthuys, Paul. Instructions pour les observations pluviométriques. p. 445-448.

Gasthuys, Paul. Instructions pour les observations thermométriques. p. 448-451.

Gasthuys, Paul. Observations météorologiques. Province orientale du Congo Belge. p. 437-444.

Discovery. London. v. 4. November 1923.

Pulvertaft, R. J. V. The air ministry and atmospheric problems.

1. Testing a city's air. 2. Sunspots and climate. p. 303-304.

France. Académie des sciences. Comptes rendus. Paris. t. 177. 1923.

Rothé, E. Sur les tremblements de terre observés en France au cours de l'année 1922. p. 703-705. (15 oct.)

Gorcziński, Ladislas. Sur la diminution de l'intensité dans la partie rouge du rayonnement solaire, observée entre l'Europe et l'équateur. p. 754-757. (22 oct.)

Huguenard. Sur une méthode de mesure absolue de la vitesse d'un courant d'air. p. 744-747. (22 oct.)

Idrac, P. Sur la structure des vents du large et leur utilisation pour le vol à voile. p. 747-749. (22 oct.)

Lambert, P., Dejardin, G., & Chalonge, D. Essai de mise en évidence, à haute altitude, d'un rayonnement solaire dans l'ultraviolet lointain. p. 757-759. (22 oct.)

India. Meteorological department. Memoirs. Calcutta. v. 24, pt. 4. 1923.

Walker, Gilbert T. Correlation in seasonal variations of weather, VIII. A preliminary study of world-weather.

International institute of agriculture. International review of the science and practice of agriculture. Rome. New ser. v. 1. July-September, 1923.

Azzi, G. The wheat climate in Italy. p. 608-615. [Abstract.]

Eredità, Filippo. The periodicity of meteorological factors in relation to agriculture. p. 545-560.

Scharfetter, Rudolf. Phenology and agriculture. p. 561-572. [Describes author's hypothesis of climatic rhythm.]